Brian Kennett

List of Publications by Year
in descending order

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358 papers	20,545 citations	14655 66 h-index	12597 132 g-index
381 all docs	381 docs citations	381 times ranked	6613 citing authors

#	Article	IF	Citations
1	Traveltimes for global earthquake location and phase identification. Geophysical Journal International, 1991, 105, 429-465.	2.4	3,011
2	Constraints on seismic velocities in the Earth from traveltimes. Geophysical Journal International, 1995, 122, 108-124.	2.4	2,775
3	Seismic waves in a stratified half space. Geophysical Journal International, 1979, 57, 557-583.	2.4	544
4	How to reconcile body-wave and normal-mode reference earth models. Geophysical Journal International, 1996, 125, 229-248.	2.4	409
5	Full seismic waveform tomography for upper-mantle structure in the Australasian region using adjoint methods. Geophysical Journal International, 2009, 179, 1703-1725.	2.4	352
6	Reflections, rays, and reverberations. Bulletin of the Seismological Society of America, 1974, 64, 1685-1696.	2.3	273
7	Global azimuthal seismic anisotropy and the unique plate-motion deformation of Australia. Nature, 2005, 433, 509-512.	27.8	252
8	Subspace methods for large inverse problems with multiple parameter classes. Geophysical Journal International, 1988, 94, 237-247.	2.4	239
9	Theoretical background for continental- and global-scale full-waveform inversion in the time-frequency domain. Geophysical Journal International, 2008, 175, 665-685.	2.4	229
10	Joint seismic tomography for bulk sound and shear wave speed in the Earth's mantle. Journal of Geophysical Research, 1998, 103, 12469-12493.	3.3	215
11	Multi-component autoregressive techniques for the analysis of seismograms. Physics of the Earth and Planetary Interiors, 1999, 113, 247-263.	1.9	210
12	Genetic algorithm inversion for receiver functions with application to crust and uppermost mantle structure beneath eastern Australia. Geophysical Research Letters, 1996, 23, 1829-1832.	4.0	182
13	The Australian continental upper mantle: Structure and deformation inferred from surface waves. Journal of Geophysical Research, 2000, 105, 25423-25450.	3.3	181
14	Full waveform tomography for radially anisotropic structure: New insights into present and past states of the Australasian upper mantle. Earth and Planetary Science Letters, 2010, 290, 270-280.	4.4	179
15	A low seismic wavespeed anomaly beneath northwestern India: a seismic signature of the Deccan plume?. Earth and Planetary Science Letters, 1999, 165, 145-155.	4.4	150
16	The Removal of Free Surface Interactions From Three-Component Seismograms. Geophysical Journal International, 1991, 104, 153-154.	2.4	147
17	Anisotropy in the Australasian upper mantle from Love and Rayleigh waveform inversion. Earth and Planetary Science Letters, 2000, 184, 339-351.	4.4	146
18	Structure of the East Pacific Rise from an Ocean Bottom Seismometer Survey. Geophysical Journal International, 1976, 45, 305-320.	2.4	144

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19	Subduction zone guided waves and the heterogeneity structure of the subducted plate: Intensity anomalies in northern Japan. Journal of Geophysical Research, 2005, 110, .	3.3	144
20	Contrasts in lithospheric structure within the Australian cratonâ€"insights from surface wave tomography. Earth and Planetary Science Letters, 2005, 231, 163-176.	4.4	142
21	Determination of the influence zone for surface wave paths. Geophysical Journal International, 2002, 149, 440-453.	2.4	141
22	Ambient seismic noise tomography of Australian continent. Tectonophysics, 2010, 481, 116-125.	2.2	136
23	Guided wave propagation in laterally varying media -- I. Theoretical development. Geophysical Journal International, 1984, 79, 235-255.	2.4	135
24	Rapid estimation of relative and absolute delay times across a network by adaptive stacking. Geophysical Journal International, 2004, 157, 332-340.	2.4	135
25	Geophysical evidence for 'thick-skinned' crustal deformation in central Australia. Nature, 1989, 337, 325-330.	27.8	130
26	Errors in hypocenter location: Picking, model, and magnitude dependence. Bulletin of the Seismological Society of America, 1994, 84, 1978-1990.	2.3	128
27	The crustal thickness of Australia. Journal of Geophysical Research, 2000, 105, 13697-13713.	3.3	126
28	Joint bulk-sound and shear tomography for Western Pacific subduction zones. Earth and Planetary Science Letters, 2003, 210, 527-543.	4.4	126
29	Crustal architecture of the Capricorn Orogen, Western Australia and associated metallogeny. Australian Journal of Earth Sciences, 2013, 60, 681-705.	1.0	126
30	A novel method of hypocentre location. Geophysical Journal International, 1986, 87, 679-697.	2.4	125
31	AusMoho: the variation of Moho depth in Australia. Geophysical Journal International, 2011, 187, 946-958.	2.4	124
32	A review of the 2011 Tohoku-Oki earthquake (Mw 9.0): Large-scale rupture across heterogeneous plate coupling. Tectonophysics, 2013, 586, 15-34.	2.2	118
33	Multimode surface wave tomography for the Australian region using a three-stage approach incorporating finite frequency effects. Journal of Geophysical Research, 2004, 109, .	3.3	117
34	Lithospheric structure of Tasmania from a novel form of teleseismic tomography. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	116
35	Project Skippy explores lithosphere and mantle beneath Australia. Eos, 1994, 75, 177.	0.1	113
36	Steps in lithospheric thickness within eastern Australia, evidence from surface wave tomography. Tectonics, 2008, 27, .	2.8	113

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37	Seismic tomography with P and S data reveals lateral variations in the rigidity of deep slabs. Earth and Planetary Science Letters, 1999, 173, 91-100.	4.4	101
38	Ellipticity corrections for seismic phases. Geophysical Journal International, 1996, 127, 40-48.	2.4	99
39	Seismic wavefield calculation for laterally heterogeneous whole earth models using the pseudospectral method. Geophysical Journal International, 1998, 135, 845-860.	2.4	98
40	Seismic waves in a stratified half space – II. Theoretical seismograms. Geophysical Journal International, 1980, 61, 1-10.	2.4	92
41	Non-linear waveform inversion for surface waves with a neighbourhood algorithm-application to multimode dispersion measurements. Geophysical Journal International, 2002, 149, 118-133.	2.4	92
42	Crustal structure of Australia from ambient seismic noise tomography. Journal of Geophysical Research, 2012, 117, .	3.3	91
43	Seismic Waves in Laterally Inhomogeneous Media. Geophysical Journal International, 1972, 27, 301-325.	2.4	88
44	Spatial and temporal evolution of the subducting Pacific plate structure along the western Pacific margin. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	88
45	Australian Seismological Reference Model (AuSREM): mantle component. Geophysical Journal International, 2013, 192, 871-887.	2.4	88
46	A slab in depth: Threeâ€dimensional geometry and evolution of the Indoâ€Australian plate. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	87
47	Crustal properties from seismic station autocorrelograms. Geophysical Journal International, 2013, 192, 861-870.	2.4	85
48	The Moho in Australia and New Zealand. Tectonophysics, 2013, 609, 288-298.	2.2	84
49	Seismic Event Location: Nonlinear Inversion Using a Neighbourhood Algorithm. , 2001, 158, 241-257.		83
50	The crustal structure of the Reykjanes Ridge at 59Â 30'N. Geophysical Journal International, 1980, 61, 141-166.	2.4	82
51	Hypocentre location: genetic algorithms incorporating problem-specific information. Geophysical Journal International, 1994, 118, 693-706.	2.4	82
52	Parallel 3-D pseudospectral simulation of seismic wave propagation. Geophysics, 1998, 63, 279-288.	2.6	79
53	A low velocity zone underlying a fast-spreading rise crest. Nature, 1975, 256, 475-476.	27.8	76
54	On the density distribution within the Earth. Geophysical Journal International, 1998, 132, 374-382.	2.4	76

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55	A Comparison of Travel-Time Inversions. Geophysical Journal International, 1976, 44, 517-536.	2.4	74
56	Earthquake location â€" genetic algorithms for teleseisms. Physics of the Earth and Planetary Interiors, 1992, 75, 103-110.	1.9	73
57	Improving global shear wave traveltime tomography usingthree-dimensional ray tracing and iterative inversion. Geophysical Journal International, 2000, 141, 747-758.	2.4	73
58	Variations in crustal structure across the transition from West to East Antarctica, Southern Victoria Land. Geophysical Journal International, 2003, 155, 870-880.	2.4	73
59	Boudinage of a stretching slablet implicated in earthquakes beneath the Hindu Kush. Nature Geoscience, 2008, 1, 196-201.	12.9	73
60	Australia's Moho: A test of the usefulness of gravity modelling for the determination of Moho depth. Tectonophysics, 2013, 609, 468-479.	2.2	73
61	A comparison of travel time inversions for marine refraction profiles. Journal of Geophysical Research, 1976, 81, 4061-4070.	3.3	72
62	On the nature of regional seismic phases-III. The influence of crustal heterogeneity on the wavefield for subduction earthquakes: the 1985 Michoacan and 1995 Copala, Guerrero, Mexico earthquakes. Geophysical Journal International, 1998, 135, 1060-1084.	2.4	72
63	Global anisotropic phase velocity maps for higher mode Love and Rayleigh waves. Geophysical Journal International, 2008, 172, 1016-1032.	2.4	72
64	2-D reflectivity method and synthetic seismograms for irregularly layered structures-II. Invariant embedding approach. Geophysical Journal International, 1991, 105, 119-130.	2.4	70
65	Three-dimensional seismic structure beneath the Australasian region from refracted wave observations. Geophysical Journal International, 2000, 142, 651-668.	2.4	70
66	Wavenumber and wavetype coupling in laterally heterogeneous media. Geophysical Journal International, 1986, 87, 313-331.	2.4	69
67	Approximations for surface-wave propagation in laterally varying media. Geophysical Journal International, 1995, 122, 470-478.	2.4	68
68	A review of crust and upper mantle structure beneath the Indian subcontinent. Tectonophysics, 2015, 644-645, 1-21.	2.2	68
69	Probability of radial anisotropy in the deep mantle. Earth and Planetary Science Letters, 2008, 270, 241-250.	4.4	67
70	Mapping of crustal heterogeneity in the North Sea basin via the propagation of Lg-waves. Geophysical Journal International, 1985, 83, 299-306.	2.4	66
71	Heterogeneity within the subducting Pacific slab beneath the Izuâ€"Boninâ€"Mariana arc: Evidence from tomography using 3D ray tracing inversion techniques. Earth and Planetary Science Letters, 2005, 235, 331-342.	4.4	66
72	Studies of the Earth's Deep Interiorâ€"Eighth Symposium. Physics of the Earth and Planetary Interiors, 2005, 153, 1-2.	1.9	66

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73	An investigation, of the upper mantle beneath NW Australia using a hybrid seismograph array. Geophysical Journal International, 1990, 101, 411-424.	2.4	65
74	Symmetries in the reflection and transmission of elastic waves. Geophysical Journal International, 1978, 52, 215-229.	2.4	63
75	Guided wave propagation in laterally varying media -- II. Lg-waves in north-western Europe. Geophysical Journal International, 1984, 79, 257-267.	2.4	62
76	The effect of 3-D structure on Lg propagation patterns. Geophysical Journal International, 1990, 101, 355-364.	2.4	62
77	Imaging changes in morphology, geometry, and physical properties of the subducting Pacific plate along the Izuâ€“Boninâ€“Mariana arc. Earth and Planetary Science Letters, 2004, 224, 363-370.	4.4	61
78	Three-dimensional visualization of a near-vertical slab tear beneath the southern Mariana arc. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	61
79	THEORETICAL REFLECTION SEISMOGRAMS FOR ELASTIC MEDIA*. Geophysical Prospecting, 1979, 27, 301-321.	1.9	60
80	Shear wave splitting in refracted waves returned from the upper mantle transition zone beneath northern Australia. Journal of Geophysical Research, 1994, 99, 15783.	3.3	60
81	Boundary value ray tracing in a heterogeneous medium: a simple and versatile algorithm. Geophysical Journal International, 1990, 101, 157-168.	2.4	59
82	Australian Seismological Reference Model (AuSREM): crustal component. Geophysical Journal International, 2013, 192, 190-206.	2.4	59
83	A reappraisal of regional surface wave tomography. Geophysical Journal International, 2002, 150, 37-44.	2.4	58
84	Separating intrinsic and apparent anisotropy. Physics of the Earth and Planetary Interiors, 2013, 219, 11-20.	1.9	58
85	Upper mantle structure beneath Australia from portable array deployments. Geodynamic Series, 1998, , 39-57.	0.1	57
86	Improved inversion for seismic structure using transformed,S-wavevector receiver functions: Removing the effect of the free surface. Geophysical Research Letters, 2003, 30, .	4.0	56
87	Three-component analysis of regional seismograms. Bulletin of the Seismological Society of America, 1990, 80, 2032-2052.	2.3	56
88	Automatic seismic event recognition and later phase identification for broadband seismograms. Bulletin of the Seismological Society of America, 1996, 86, 1896-1909.	2.3	56
89	Towards a more detailed seismic picture of the oceanic crust and mantle. Marine Geophysical Researches, 1977, 3, 7-42.	1.2	55
90	On the use of truncated modal expansions in laterally varying media. Geophysical Journal International, 1987, 91, 837-851.	2.4	55

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91	On the observation of high frequency PKiKP and its coda in Australia. Physics of the Earth and Planetary Interiors, 2004, 146, 497-511.	1.9	55
92	The velocity structure and heterogeneity of the upper mantle. Physics of the Earth and Planetary Interiors, 1990, 59, 134-144.	1.9	54
93	On the inner-outer core density contrast from PKiKP/PcP amplitude ratios and uncertainties caused by seismic noise. Geophysical Journal International, 2009, 179, 425-443.	2.4	54
94	Stacking autocorrelograms to map Moho depth with high spatial resolution in southeastern Australia. Geophysical Research Letters, 2015, 42, 7490-7497.	4.0	54
95	A comparison of the upper-mantle structure beneath Eurasia and the North Atlantic and Arctic Oceans. Geophysical Journal International, 1978, 54, 575-585.	2.4	53
96	Seismic waves in a stratified half space?III. Piecewise smooth models. Geophysical Journal International, 1981, 66, 633-675.	2.4	53
97	Broadband observations of upper-mantle seismic phases in northern Australia and the attenuation structure in the upper mantle. Physics of the Earth and Planetary Interiors, 1994, 84, 207-226.	1.9	53
98	Stochastic waveguide in the lithosphere: Indonesian subduction zone to Australian craton. Geophysical Journal International, 2008, 172, 363-382.	2.4	53
99	Probabilistic surface reconstruction from multiple data sets: An example for the Australian Moho. Journal of Geophysical Research, 2012, 117, .	3.3	53
100	Locating oceanic earthquakes-the influence of regional models and location criteria. Geophysical Journal International, 1992, 108, 848-854.	2.4	52
101	Observational and theoretical constraints on crustal and upper mantle heterogeneity. Physics of the Earth and Planetary Interiors, 1987, 47, 319-332.	1.9	51
102	Regional phases in continental and oceanic environments. Geophysical Journal International, 2001, 146, 562-568.	2.4	51
103	Contrasts in mantle structure beneath Australia: relation to Tasman Lines?. Australian Journal of Earth Sciences, 2004, 51, 563-569.	1.0	51
104	The relationship of the seismic source and subduction zone structure for the 2004 December 26 Sumatraâ€“Andaman earthquake. Earth and Planetary Science Letters, 2005, 239, 1-8.	4.4	51
105	Teleseismic tomography of the upper mantle beneath the southern Lachlan Orogen, Australia. Physics of the Earth and Planetary Interiors, 2008, 167, 84-97.	1.9	51
106	Sensitivity kernels for finite-frequency surface waves. Geophysical Journal International, 2005, 162, 910-926.	2.4	50
107	Plate reconstructions and tomography reveal a fossil lower mantle slab below the Tasman Sea. Earth and Planetary Science Letters, 2009, 278, 143-151.	4.4	50
108	Imaging architecture of the Jakarta Basin, Indonesia with transdimensional inversion of seismic noise. Geophysical Journal International, 2016, 204, 918-931.	2.4	50

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109	Midâ€lithosphere discontinuities beneath the western and central North China Craton. Geophysical Research Letters, 2017, 44, 1302-1310.	4.0	50
110	The upper-mantle S and P velocity structure beneath northern Australia from broad-band observations. Physics of the Earth and Planetary Interiors, 1994, 86, 85-98.	1.9	49
111	On the nature of regional seismic phases-II. On the influence of structural barriers. Geophysical Journal International, 1997, 129, 221-234.	2.4	49
112	THE SUPPRESSION OF SURFACE MULTIPLES ON SEISMIC RECORDS*. Geophysical Prospecting, 1979, 27, 584-600.	1.9	48
113	Lithosphereâ€“asthenosphere P-wave reflectivity across Australia. Earth and Planetary Science Letters, 2015, 431, 225-235.	4.4	48
114	Earth's Correlation Wavefield: Late Coda Correlation. Geophysical Research Letters, 2018, 45, 3035-3042.	4.0	48
115	Continental scale shear wave splitting analysis: Investigation of seismic anisotropy underneath the Australian continent. Earth and Planetary Science Letters, 2005, 236, 106-119.	4.4	47
116	On the nature of regional seismic phases-I. Phase representations for Pn, Pg, Sn, Lg. Geophysical Journal International, 1989, 98, 447-456.	2.4	46
117	Guided waves in three-dimensional structures. Geophysical Journal International, 1998, 133, 159-174.	2.4	46
118	Seismic velocity gradients in the upper mantle. Geophysical Research Letters, 1991, 18, 1115-1118.	4.0	45
119	Seismic Source characterization using a neighbourhood algorithm. Geophysical Research Letters, 2000, 27, 3401-3404.	4.0	45
120	Seismic structure of the Yilgarn Craton, Western Australia. Australian Journal of Earth Sciences, 2003, 50, 427-438.	1.0	45
121	The structure of the upper mantle beneath the Delamerian and Lachlan orogens from simultaneous inversion of multiple teleseismic datasets. Gondwana Research, 2011, 19, 788-799.	6.0	43
122	Seismic reflection profiling in the Proterozoic Arunta Block, central Australia: processing for testing models of tectonic evolution. Tectonophysics, 1990, 173, 257-268.	2.2	42
123	Variations In Upper Mantle Structure Under Northern Australia. Geophysical Journal International, 1993, 114, 304-310.	2.4	42
124	Variations in Regional Phase Propagation in the Area around Japan. Bulletin of the Seismological Society of America, 2001, 91, 667-682.	2.3	42
125	AuSREM: Australian Seismological Reference Model. Australian Journal of Earth Sciences, 2012, 59, 1091-1103.	1.0	42
126	AN ALTERNATIVE STRATEGY FOR NON-LINEAR INVERSION OF SEISMIC WAVEFORMS1. Geophysical Prospecting, 1991, 39, 723-736.	1.9	41

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127	Receiver structure from teleseisms: Autocorrelation and cross correlation. Geophysical Research Letters, 2016, 43, 6234-6242.	4.0	41
128	Lithospheric structure of the Pilbara Craton, Capricorn Orogen and northern Yilgarn Craton, Western Australia, from teleseismic receiver functions. Australian Journal of Earth Sciences, 2003, 50, 439-445.	1.0	40
129	Seismic heterogeneity in the mantleâ€"strong shear wave signature of slabs from joint tomography. Physics of the Earth and Planetary Interiors, 2004, 146, 87-100.	1.9	40
130	100 years of seismic research on the Moho. Tectonophysics, 2013, 609, 9-44.	2.2	40
131	On high-frequency spheroidal modes and the structure of the upper mantle. Geophysical Journal International, 1978, 55, 333-350.	2.4	39
132	Seismic waves in a stratified half-space -- IV: P--SV wave decoupling and surface wave dispersion. Geophysical Journal International, 1983, 72, 633-645.	2.4	39
133	Multiple scattering of surface waves from discrete obstacles. Geophysical Journal International, 1992, 108, 52-70.	2.4	39
134	Extending shear-wave tomography for the lower mantle using S and SKS arrival-time data. Earth, Planets and Space, 1998, 50, 999-1012.	2.5	39
135	Sedimentary and upper crustal structure of Australia from receiver functions. Australian Journal of Earth Sciences, 2000, 47, 209-216.	1.0	38
136	Phase identification and attribute analysis of broadband seismograms at far-regional distances. , 2001, 5, 217-231.		36
137	New constraints on the seismic structure of West Australia: Evidence for terrane stabilization prior to the assembly of an ancient continent?. Geology, 2007, 35, 379.	4.4	36
138	Upper mantle anisotropy beneath Australia and Tahiti from P wave polarization: Implications for realâ€time earthquake location. Journal of Geophysical Research, 2009, 114, .	3.3	36
139	Effect of 2-D topography on the 3-D seismic wavefield using a 2.5-D discrete wavenumber-boundary integral equation method. Geophysical Journal International, 1996, 124, 741-755.	2.4	35
140	Morphology of the distorted subducted Pacific slab beneath the Hokkaido corner, Japan. Physics of the Earth and Planetary Interiors, 2006, 156, 1-11.	1.9	35
141	High-frequency Po/So guided waves in the oceanic lithosphere: Iâ€"long-distance propagation. Geophysical Journal International, 2013, 195, 1862-1877.	2.4	35
142	The lithosphereâ€asthenosphere transition and radial anisotropy beneath the Australian continent. Geophysical Research Letters, 2015, 42, 3839-3846.	4.0	35
143	The interaction of the S-wavefield with upper mantle heterogeneity. Geophysical Journal International, 1990, 101, 751-762.	2.4	34
144	Tears or thinning? Subduction structures in the Pacific plate beneath the Japanese Islands. Physics of the Earth and Planetary Interiors, 2010, 180, 52-58.	1.9	34

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145	The influence of upper mantle discontinuities on the toroidal free oscillations of the Earth. Geophysical Journal International, 1979, 56, 283-308.	2.4	33
146	Rapid calculation of surface wave dispersion. Geophysical Journal International, 1983, 72, 619-631.	2.4	33
147	On a Wavelet-Based Method for the Numerical Simulation of Wave Propagation. Journal of Computational Physics, 2002, 183, 577-622.	3.8	33
148	AN OPERATOR APPROACH TO FORWARD MODELING, DATA PROCESSING AND MIGRATION*. Geophysical Prospecting, 1984, 32, 1074-1090.	1.9	32
149	Seismic reflection and refraction profiling across the Arunta Block and the Ngalia and Amadeus Basins. Australian Journal of Earth Sciences, 1988, 35, 275-294.	1.0	31
150	Propagation invariants, reflection and transmission in anisotropic, laterally heterogeneous media. Geophysical Journal International, 1990, 103, 95-101.	2.4	31
151	Transportable seismic array tomography in southeast Australia: Illuminating the transition from Proterozoic to Phanerozoic lithosphere. Lithos, 2014, 189, 65-76.	1.4	31
152	Pervasive seismic low-velocity zones within stagnant plates in the mantle transition zone: Thermal or compositional origin?. Earth and Planetary Science Letters, 2017, 477, 1-13.	4.4	31
153	Guided-wave tracking in 3-D: A tool for interpreting complex regional seismograms. Bulletin of the Seismological Society of America, 1990, 80, 633-642.	2.3	31
154	Seismic Wave Scattering by Obstacles on Interfaces. Geophysical Journal International, 1972, 28, 249-266.	2.4	30
155	Reflection operator methods for elastic waves II â€" composite regions and source problems. Wave Motion, 1984, 6, 419-429.	2.0	30
156	Towards the identification of later seismic phases. Geophysical Journal International, 1995, 123, 948-958.	2.4	30
157	Seismic wave attenuation beneath the Australasian region. Australian Journal of Earth Sciences, 2011, 58, 285-295.	1.0	30
158	The nature of the Moho in Australia from reflection profiling: A review. GeoResJ, 2015, 5, 74-91.	1.4	30
159	Frequency dependence of seismic wave attenuation in the upper mantle beneath the Australian region. Geophysical Journal International, 2002, 150, 45-57.	2.4	29
160	Seismic structure in the mantle beneath Australia. , 2003, , .		28
161	An integrated multi-scale 3D seismic model of the Archaean Yilgarn Craton, Australia. Tectonophysics, 2006, 420, 75-90.	2.2	28
162	Interactions of multi-scale heterogeneity in the lithosphere: Australia. Tectonophysics, 2017, 717, 193-213.	2.2	28

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163	Synthetic reflection seismograms in three dimensions by a lockedâ€mode approximation. Geophysics, 1989, 54, 350-358.	2.6	27
164	Insights into the structure of the upper mantle beneath the Murray basin from 3D teleseismic tomography. Australian Journal of Earth Sciences, 2006, 53, 595-604.	1.0	27
165	A 2.5-D Time-Domain Elastodynamic Equation For Plane-Wave Incidence. Geophysical Journal International, 1996, 125, 5-9.	2.4	26
166	Comparison of Location Procedures: The Kara Sea Event of 16 August 1997. Bulletin of the Seismological Society of America, 2007, 97, 389-400.	2.3	26
167	Role of lithosphere in intra-continental deformation: Central Australia. Gondwana Research, 2013, 24, 958-968.	6.0	26
168	Lithospheric Framework of Australia. Episodes, 2012, 35, 9-22.	1.2	26
169	Geophysical Signal Analysis E. A. Robinson and S. Treitel, Prentice-Hall, Inc., Englewood Cliffs, N.J. xiv + 466 pp. Â23.40. Geophysical Journal International, 1981, 64, 801-802.	2.4	25
170	Evolution of mantle structure beneath the northwest Pacific: Evidence from seismic tomography and paleogeographic reconstructions. Tectonics, 2006, 25, n/a-n/a.	2.8	25
171	Global Love wave overtone measurements. Geophysical Research Letters, 2007, 34, .	4.0	25
172	Steep reflections from the earth's core reveal small-scale heterogeneity in the upper mantle. Physics of the Earth and Planetary Interiors, 2010, 178, 80-91.	1.9	25
173	Reflection operator methods for elastic waves I-irregular interfaces and regions. Wave Motion, 1984, 6, 407-418.	2.0	24
174	Modelling of seismic waves in heterogeneous media using a wavelet-based method: application to fault and subduction zones. Geophysical Journal International, 2003, 154, 483-498.	2.4	24
175	Quasi-spherical approach for seismic wave modeling in a 2-D slice of a global Earth model with lateral heterogeneity. Geophysical Research Letters, 2005, 32, .	4.0	23
176	The apparently isotropic Australian upper mantle. Geophysical Research Letters, 2006, 33, .	4.0	23
177	Core structure and heterogeneity: a seismological perspectiveâˆ—. Australian Journal of Earth Sciences, 2008, 55, 419-431.	1.0	23
178	Optimal equations of state for mantle minerals from simultaneous non-linear inversion of multiple datasets. Physics of the Earth and Planetary Interiors, 2009, 176, 98-108.	1.9	23
179	Maximum depth of magnetisation of Australia, its uncertainty, and implications for Curie depth. GeoResJ, 2015, 7, 70-77.	1.4	23
180	High-frequency Po/So guided waves in the oceanic lithosphere: IIâ€”heterogeneity and attenuation. Geophysical Journal International, 2014, 199, 614-630.	2.4	22

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181	Toward the reconciliation of seismological and petrological perspectives on oceanic lithosphere heterogeneity. Geochemistry, Geophysics, Geosystems, 2015, 16, 3129-3141.	2.5	22
182	Spiralâ€Arm Seismic Arrays. Bulletin of the Seismological Society of America, 2015, 105, 2109-2116.	2.3	22
183	Source Depth and Mechanism Inversion at Teleseismic Distances Using a Neighborhood Algorithm. Bulletin of the Seismological Society of America, 2000, 90, 1369-1383.	2.3	21
184	RESEARCH NOTE Stacking three-component seismograms. Geophysical Journal International, 2000, 141, 263-269.	2.4	21
185	Uppermost mantle structure beneath eastern China and its surroundings from Pn and Sn tomography. Geophysical Research Letters, 2016, 43, 3143-3149.	4.0	21
186	The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes. , 2002, , 2113-2131.		21
187	On seismological reference models and the perceived nature of heterogeneity. Physics of the Earth and Planetary Interiors, 2006, 159, 129-139.	1.9	20
188	Crustal Imaging With Bayesian Inversion of Teleseismic P Wave Coda Autocorrelation. Journal of Geophysical Research: Solid Earth, 2019, 124, 5888-5906.	3.4	20
189	Some aspects of non-linearity in inversion. Geophysical Journal International, 1978, 55, 373-391.	2.4	19
190	Stochastic features of scattering. Physics of the Earth and Planetary Interiors, 2005, 148, 131-148.	1.9	19
191	Automatic infrasonic signal detection using the Hough transform. Journal of Geophysical Research, 2008, 113, .	3.3	19
192	Dynamic Earth: crustal and mantle heterogeneity. Australian Journal of Earth Sciences, 2008, 55, 265-279.	1.0	19
193	Lithospheric discontinuities in Central Australia. Tectonophysics, 2018, 744, 10-22.	2.2	19
194	On Variational Principles and Matrix Methods in Elastodynamics. Geophysical Journal International, 1974, 37, 391-405.	2.4	18
195	A wavelet-based method for simulation of two-dimensional elastic wave propagation. Geophysical Journal International, 2002, 150, 610-638.	2.4	18
196	NW Australian intraplate seismicity and stress regime. Journal of Geophysical Research, 2009, 114, .	3.3	18
197	Multichannel processing for airborne gammaâ€ray spectrometry. Geophysics, 1998, 63, 1971-1985.	2.6	17
198	Uppermost mantle structure of the Australian continent from Pn traveltime tomography. Journal of Geophysical Research: Solid Earth, 2016, 121, 2004-2019.	3.4	17

#	Article	IF	Citations
199	Uppermost mantle P wavespeed structure beneath eastern China and its surroundings. Tectonophysics, 2016, 683, 12-26.	2.2	17
200	Multiscale seismic heterogeneity in the continental lithosphere. Geochemistry, Geophysics, Geosystems, 2016, 17, 791-809.	2.5	17
201	The integral operator representation of propagation invariants for elastic waves in irregularly layered media. Wave Motion, 1993, 17, 299-317.	2.0	16
202	Interlocking of heterogeneous plate coupling and aftershock area expansion pattern for the 2011 Tohokuâ€Oki Mw9 earthquake. Geophysical Research Letters, 2012, 39, .	4.0	16
203	Imaging crustal structure variation across southeastern Australia. Tectonophysics, 2013, 582, 112-125.	2.2	16
204	Highâ€frequency waves guided by the subducted plates underneath Taiwan and their association with seismic intensity anomalies. Journal of Geophysical Research: Solid Earth, 2013, 118, 665-680.	3.4	16
205	Guided wave attenuation in laterally varying media. Geophysical Journal International, 1990, 100, 415-422.	2.4	15
206	Lg-wave attenuation in the Australian crust. Tectonophysics, 2017, 717, 413-424.	2.2	15
207	Structural controls on the Mw 9.0 2011 Offshore-Tohoku earthquake. Earth and Planetary Science Letters, 2011, 310, 462-467.	4.4	14
208	Tracking highâ€frequency seismic source evolution: 2004 M_w 8.1 Macquarie event. Geophysical Research Letters, 2014, 41, 1187-1193.	4.0	14
209	Radial earth models revisited. Geophysical Journal International, 2020, 222, 2189-2204.	2.4	14
210	The Nature of Seismic Reflections from Coal Seams. First Break, 1983, 1, .	0.4	14
211	Non-linear methods for event location in a global context. Physics of the Earth and Planetary Interiors, 2006, 158, 46-54.	1.9	13
212	Enhanced waveguide effect for deepâ€focus earthquakes in the subducting Pacific slab produced by a metastable olivine wedge. Journal of Geophysical Research: Solid Earth, 2016, 121, 6779-6796.	3.4	13
213	Crustal structure of a Proterozoic craton boundary: East Albany-Fraser Orogen, Western Australia, imaged with passive seismic and gravity anomaly data. Precambrian Research, 2017, 296, 78-92.	2.7	13
214	Unusual Strong Ground Motion Across Japan From the 680Âkm Deep 30 May 2015 Ogasawara Islands Earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 8143-8162.	3.4	13
215	An Implosive Precursor to the Colombia Earthquake 1970 July 31. Geophysical Journal International, 1976, 44, 471-482.	2.4	12
216	Inversion for multiple parameter classes. Geophysical Journal International, 1998, 135, 304-306.	2.4	12

#	Article	IF	Citations
217	Seismic wavefield calculation for laterally heterogeneous earth models-II. The influence of upper mantle heterogeneity. Geophysical Journal International, 1999, 139, 623-644.	2.4	12
218	Two-dimensional inversion of refraction traveltimes by progressive model development. Geophysical Journal International, 2000, 140, 543-558.	2.4	12
219	Origin of Lateral Heterogeneities in the Upper Mantle Beneath South-east Australia from Seismic Tomography. , 2015, , 47-78.		12
220	Preliminary deep reflection studies in the Arunta Block, Central Australia. Geophysical Journal International, 1987, 89, 437-442.	2.4	11
221	Signal Parameter Estimation for Sparse Arrays. Bulletin of the Seismological Society of America, 2003, 93, 1765-1772.	2.3	11
222	Reflection seismograms in a 3-D elastic model: an isochronal approach. Geophysical Journal International, 1989, 99, 63-80.	2.4	10
223	Surface-wave studies of the Australian region. , 2003, , .		10
224	Lithospheric Structure in the Australian Region - A Synthesis of Surface Wave and Body Wave Studies. Exploration Geophysics, 2004, 35, 242-250.	1.1	10
225	Structure of the Mt Isa region from seismic ambient noise tomography. Australian Journal of Earth Sciences, 2013, 60, 707-718.	1.0	10
226	An efficient approach to the seismogram synthesis for a basin structure using propagation invariants. Bulletin of the Seismological Society of America, 1996, 86, 379-388.	2.3	10
227	The seismic wavefield as seen by distributed acoustic sensing arrays: local, regional and teleseismic sources. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, 20210812.	2.1	10
228	The Central Australian seismic experiment, 1985: preliminary results. Geophysical Journal International, 1987, 89, 431-436.	2.4	9
229	Scattering of elastic waves in media with a random distribution of fluid-filled cavities: theory and numerical modelling. Geophysical Journal International, 2004, 159, 961-977.	2.4	9
230	A unified concept for comparison of seismograms using transfer functions. Geophysical Journal International, 2012, , no-no.	2.4	9
231	Multistep modelling of receiver-based seismic and ambient noise data from WOMBAT array: crustal structure beneath southeast Australia. Geophysical Journal International, 2012, 189, 1680-1700.	2.4	9
232	Sn-wave velocity structure of the uppermost mantle beneath the Australian continent. Geophysical Journal International, 2018, 213, 2071-2084.	2.4	9
233	The Interaction of Seismic Waves with Horizontal Velocity Contrasts. Geophysical Journal International, 1973, 33, 431-450.	2.4	8
234	The inversion of reflected wave travel times. Geophysical Journal International, 1977, 49, 739-746.	2.4	8

#	Article	IF	Citations
235	Using a Synthetic Continental Array to Study the Earth's Interior.. Journal of Physics of the Earth, 1996, 44, 669-674.	1.4	8
236	A 2.5-D time-domain elastodynamic equation for a general anisotropic medium. Geophysical Journal International, 1996, 127, F1-F4.	2.4	8
237	Anomalous surface waves associated with deep earthquakes, generated at an ocean ridge. Geophysical Journal International, 1998, 134, 663-676.	2.4	8
238	Contrasts in regional seismic wave propagation to station WMQ in central Asia. Geophysical Journal International, 2003, 155, 44-56.	2.4	8
239	Evolution of the correlation wavefield extracted from seismic event coda. Physics of the Earth and Planetary Interiors, 2018, 282, 100-109.	1.9	8
240	The nature of Earth's correlation wavefield: late coda of large earthquakes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180082.	2.1	8
241	Upper Mantle Zone of Low Q. Nature: Physical Science, 1972, 238, 87-90.	0.8	7
242	Variations in crustal structure on the East Pacific Rise crest: A travel time inversion approach. Earth and Planetary Science Letters, 1977, 34, 439-444.	4.4	7
243	Slowness techniques in seismic interpretation. Journal of Geophysical Research, 1981, 86, 11575-11584.	3.3	7
244	Geophysics: A new way to estimate seismic source parameters. Nature, 1983, 302, 659-660.	27.8	7
245	Effects of the density perturbation in scattering. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	7
246	Crustal complexity in the Lachlan Orogen revealed from teleseismic receiver functions. Australian Journal of Earth Sciences, 2013, 60, 413-430.	1.0	7
247	Regional Distance PL Phase in the Crustal Waveguideâ€"An Analog to the Teleseismic W Phase in the Upperâ€Mantle Waveguide. Journal of Geophysical Research: Solid Earth, 2018, 123, 4007-4024.	3.4	7
248	The connection between elastodynamic representation theorems and propagator matrices. Bulletin of the Seismological Society of America, 1972, 62, 973-983.	2.3	7
249	Consistency regions in non-linear inversion. Geophysical Journal International, 2004, 157, 583-588.	2.4	6
250	New constraints on the current stress field and seismic velocity structure of the eastern Yilgarn Craton from mechanisms of local earthquakes. Australian Journal of Earth Sciences, 2015, 62, 921-931.	1.0	6
251	Retrieval of Interstation Local Body Waves From Teleseismic Coda Correlations. Journal of Geophysical Research: Solid Earth, 2019, 124, 2957-2969.	3.4	6
252	Intra-plate volcanism in North Queensland and eastern new Guinea: A cryptic mantle plume?. Gondwana Research, 2020, 79, 209-216.	6.0	6

#	Article	IF	Citations
253	GUIDED LOW-FREQUENCY NOISE FROM AIRGUN SOURCES*. Geophysical Prospecting, 1984, 32, 690-705.	1.9	5
254	Representations of the seismic wavefield. Geophysical Journal International, 1994, 118, 344-357.	2.4	5
255	How does the shear-wave structure of the seabed affect the seismic wavefield?. Geophysical Journal International, 1996, 124, 341-348.	2.4	5
256	Flexible computation of teleseismic synthetics for source and structural studies. Geophysical Journal International, 2000, 143, 689-699.	2.4	5
257	Anisotropy in the subducting slab: Observations from Philippine Sea plate events in Taiwan. Geophysical Research Letters, 2015, 42, 10,248.	4.0	5
258	Crustal surface wave velocity structure of the east Albany-Fraser Orogen, Western Australia, from ambient noise recordings. Geophysical Journal International, 2017, 210, 1641-1651.	2.4	5
259	Common-Reflection-Point-Based Prestack Depth Migration for Imaging Lithosphere in Python: Application to the Dense Warramunga Array in Northern Australia. Seismological Research Letters, 2020, 91, 2890-2899.	1.9	5
260	The relative behaviour of bulk and shear modulus as an indicator of the iron spin transition in the lower mantle. Earth and Planetary Science Letters, 2021, 559, 116808.	4.4	5
261	Azimuthal Variation of Lithospheric Heterogeneity in the Northwest Pacific Inferred From Po/So Propagation Characteristics and Anomalously Large Ground Motion of Deep Inâ€Slab Earthquakes. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021717.	3.4	5
262	The influence of lateral variations on seismic refraction interpretation. Pure and Applied Geophysics, 1976, 114, 647-652.	1.9	4
263	The inversion of surface wave data. Pure and Applied Geophysics, 1976, 114, 747-751.	1.9	4
264	3D isochronal modelling of reflections from the deep crust: application to reflection profiling in central Australia. Tectonophysics, 1990, 173, 119-128.	2.2	4
265	Detailed Elastic Modelling to Characterise Noise Contributions to Seismic Data from the Gippsland Basin. Exploration Geophysics, 1995, 26, 37-44.	1.1	4
266	The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes. Pure and Applied Geophysics, 2002, 159, 2113-2131.	1.9	4
267	Practical Earthquake Location on a Continental Scale in Australia Using the AuSREM 3D Velocity Model. Bulletin of the Seismological Society of America, 2014, 104, 2755-2767.	2.3	4
268	Towards constitutive equations for the deep Earth. Physics of the Earth and Planetary Interiors, 2017, 270, 40-45.	1.9	4
269	The Significance of Longâ€Period Ground Motion at Regional to Teleseismic Distances From the 610â€km Deep M w 8.3 Sea of Okhotsk Earthquake of 24 May 2013. Journal of Geophysical Research: Solid Earth, 2019, 124, 9075-9094.	3.4	4
270	Significant P wave conversions from upgoing S waves generated by very deep earthquakes around Japan. Progress in Earth and Planetary Science, 2019, 6, .	3.0	4

#	Article	IF	Citations
271	Towards constitutive equations for the deep Earth II: Shear properties under pressure. Physics of the Earth and Planetary Interiors, 2020, 307, 106558.	1.9	4
272	On coupled seismic waves. Geophysical Journal International, 1981, 64, 91-114.	2.4	3
273	Optimum Channel Combinations for Multichannel Airborne Gamma-Ray Spectrometry. Exploration Geophysics, 1995, 26, 292-301.	1.1	3
274	Model-Based Velocity Analysis. Exploration Geophysics, 1997, 28, 349-354.	1.1	3
275	Stress and faulting in southeast Australia as derived from the strongest earthquakes in the region. Journal of Asian Earth Sciences, 2000, 18, 17-23.	2.3	3
276	Developments in passive seismic techniques through the ANSIR National Research Facility. Exploration Geophysics, 2006, 37, 278-285.	1.1	3
277	Tracking earthquake source evolution in 3-D. Geophysical Journal International, 2014, 198, 867-879.	2.4	3
278	Preview ofThe Australian continent: a geophysical synthesis. Preview, 2019, 2019, 39-48.	0.1	3
279	Areal parameter estimates from multiple datasets. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190352.	2.1	3
280	A twoâ€layer stacking procedure to enhance converted waves. Geophysics, 1993, 58, 997-1001.	2.6	3
281	The Interaction of Seismic Waves with Horizontal Velocity Contrasts–II. Diffraction Effects for SH Wave Pulses. Geophysical Journal International, 1974, 37, 9-22.	2.4	2
282	Comments on the Paper 'On Variational Principles and Matrix Methods in Elastodynamics' by B. L. N. Kennett. Geophysical Journal International, 1975, 43, 721-725.	2.4	2
283	Quantitative Seismology (two vols) K. Aki and P. G. Richards, W. H. Freeman, San Francisco 934 pp. $35.00 (Â20.70 per volume). Geophysical Journal International, 1981, 64, 802-806.	2.4	2
284	Seismic Velocity Field Estimation â€" Strategies for Large-scale Nonlinear Inverse Problems. Exploration Geophysics, 1988, 19, 297-298.	1.1	2
285	Modelling Seismic Reflections In Central Australia By The 3D Isochronal Technique. Exploration Geophysics, 1991, 22, 525-532.	1.1	2
286	Representations of Seismicity. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	2.5	2
287	The transition from the Thomson Orogen to the North Australian Craton from seismic data. Australian Journal of Earth Sciences, 2021, 68, 628-640.	1.0	2
288	Reply to comment on â€œErrors in hypocenter location: Picking, model, and magnitude dependenceâ€•by C. Lomnitz. Bulletin of the Seismological Society of America, 1995, 85, 1529-1529.	2.3	2

#	Article	IF	Citations
289	Introduction to the mathematics of inversion in remote sensing and indirect measurements S. W. Twomey Elsevier, Amsterdam x + 243 pages, Dfl 159. Geophysical Journal International, 1978, 54, 730-730.	2.4	1
290	Seismicity and Seismic Risk in the Offshore North Sea Area A. R. Ritsema and A. Gurpinar (eds), Reidel, Dordrecht xxv + 420 pp. Geophysical Journal International, 1984, 76, 809-809.	2.4	1
291	Alternative Stacking Techniques for Deep Crustal Data. Exploration Geophysics, 1988, 19, 78-82.	1.1	1
292	Waves in Stratification. , 2001, , 208-239.		1
293	Mapping the Lithosphere and Upper Mantle. , 2002, , 461-487.		1
294	Roots of the matter. Nature, 2003, 422, 674-675.	27.8	1
295	Detailed teleseismic imaging of the crust and upper mantle beneath southeast Australia. ASEG Extended Abstracts, 2006, 2006, 1-5.	0.1	1
296	Developments in passive seismic techniques through the ANSIR National Research Facility. ASEG Extended Abstracts, 2006, 2006, 1-5.	0.1	1
297	Reply to comment by A. Tommasi and D. Mainprice on Visser et al. (2008), â€œProbability of radial anisotropy in the deep mantleâ€•[Earth Planet Sci. Lett. 270 (2008) 241â€“250]. Earth and Planetary Science Letters, 2008, 276, 226-227.	4.4	1
298	Simultaneous use of multiple seismic arrays. Geophysical Journal International, 0, , ggx027.	2.4	1
299	High-frequency ground motion from Australian earthquakes. Australian Journal of Earth Sciences, 2017, 64, 769-777.	1.0	1
300	Unveiling a continent. Astronomy and Geophysics, 2020, 61, 6.34-6.40.	0.2	1
301	Propagation of distinct Love-wave pulses from regional to teleseismic distances in continental and oceanic environments. Geophysical Journal International, 2020, 221, 665-682.	2.4	1
302	The Influence of the Shear-Wave Structure of the Sea Bed on the Seismic Wavefield. Exploration Geophysics, 1992, 23, 173-176.	1.1	1
303	Identifying and suppressing noise in seismic data from the Gippsland Basin (Australia). The Leading Edge, 1996, 15, 993-1000.	0.7	1
304	Seismic Phases. , 2007, , 903-908.		1
305	The Effects of Scattering on Seismic Wave Pulses. Geophysical Journal International, 1973, 32, 389-408.	2.4	0
306	The Interaction of Seismic Waves with Horizontal Velocity Contrasts–III. The Effects of Horizontal Transition Zones. Geophysical Journal International, 1975, 41, 29-36.	2.4	0

#	Article	IF	Citations
307	Transient waves in viscoelastic media, N. H. Ricker Elsevier Scientific Publishing Company, Amsterdam US $48.95. Geophysical Journal International, 1978, 52, 531-531.	2.4	0
308	Raxis der seismichen Feldmessung und Auswertung R. Meissner and L. Stegena Gebruder Borntraeger, Berlin 275 pages, DM 58.60. Geophysical Journal International, 1978, 53, 670-671.	2.4	0
309	Earthquakes: a Primer B. A. Bolt, W. H. Freeman, San Francisco pp. ix + 241, Â7.10 (hardcover), Â4.10 (softcover). Geophysical Journal International, 1979, 57, 749-750.	2.4	0
310	Deconvolution of Geophysical Time Series in the Exploration for Oil and Natural Gas M. T. Silvia and E. A. Robinson, Elsevier Scientific Publishing Corporation pp. xii + 251, Dfl 112. Geophysical Journal International, 1980, 62, 728-728.	2.4	0
311	Seismic Prospecting Instruments Volume I: Signal Characteristics and Instrument Specifications, 2nd edn N. A. Anstey, Gebruder Borntraeger, Berlin 151 pp.. Geophysical Journal International, 1982, 70, 809-810.	2.4	0
312	Seismic signal analysis and discrimination III. Physics of the Earth and Planetary Interiors, 1986, 42, 198-199.	1.9	0
313	Seismic Migrationâ€"Imaging of acoustic energy by wavefield extrapolation Aâ€"Theoretical aspects (third edition). Physics of the Earth and Planetary Interiors, 1987, 45, 305.	1.9	0
314	Some Preliminary Results from Regional Seismic Profiling in Central Australia. Exploration Geophysics, 1987, 18, 227-231.	1.1	0
315	On reducing the reflectivity integral to a finite range. Geophysical Journal International, 1987, 90, 741-746.	2.4	0
316	Stacking and velocity estimation for 3-D surveys. Exploration Geophysics, 1989, 20, 225.	1.1	0
317	Earthquakes and Earth Structure. , 2001, , 21-36.		0
318	Seismic Sources. , 2001, , 66-77.		0
319	Seismic Phases. , 2001, , 78-104.		0
320	Building a Seismogram. , 2001, , 105-126.		0
321	Stress and Strain. , 2001, , 129-135.		0
322	Seismic Waves I - Plane Waves. , 2001, , 136-151.		0
323	Seismic Waves II - Wavefronts and Rays. , 2001, , 152-167.		0
324	Rays in Stratification. , 2001, , 168-188.		0

#	Article	IF	Citations
325	Seismic Sources. , 2001, , 189-207.		0
326	Reflection and Transmission. , 2001, , 240-259.		0
327	Building the Response of a Model. , 2001, , 260-293.		0
328	Constructing the Wavefield. , 2001, , 294-312.		0
329	Body Waves and Surface Waves. , 2001, , 313-351.		0
330	Seismic Waves. , 2001, , 37-65.		0
331	Preface to Volume II. , 2002, , xi-xii.		0
332	Regional Phases I - Propagation in the Crust and Uppermost Mantle. , 2002, , 42-77.		0
333	Regional Phases II - The Influence of Structure. , 2002, , 78-107.		0
334	Propagation in the Upper Mantle. , 2002, , 108-125.		0
335	Analysis of Regional and Far-Regional Seismograms. , 2002, , 163-186.		0
336	Body Waves in the Mantle. , 2002, , 223-257.		0
337	Surface Waves and Modal Analysis. , 2002, , 280-318.		0
338	Receiver Based Studies. , 2002, , 319-352.		0
339	Imaging the Earth. , 2002, , 426-438.		0
340	3-D Global Structure. , 2002, , 439-460.		0
341	Near Events. , 2002, , 3-27.		0
342	Propagation Effects at Near Distances. , 2002, , 28-41.		0

#	Article	IF	Citations
343	Upper Mantle Structure. , 2002, , 126-162.		0
344	The Nature of the Global Wavefield. , 2002, , 189-222.		0
345	Analysis of Seismic Records. , 2002, , 353-398.		0
346	The Influence of Heterogeneity. , 2002, , 401-425.		0
347	Body Waves and the Earth's Core. , 2002, , 258-279.		0
348	Title is missing!. Studia Geophysica Et Geodaetica, 2003, 47, 707-707.	0.5	0
349	Seismological insights into heterogeneity patterns in the mantle. Geophysical Monograph Series, 2004, , 43-57.	0.1	0
350	Reply to comment by S. Crampin on â€˜Global anisotropic phase velocity maps for higher mode Love and Rayleigh wavesâ€™. Geophysical Journal International, 2009, 177, 99-103.	2.4	0
351	Progress in Deep Seismic Reflection Transects Across Australia. Preview, 2014, 2014, 47-50.	0.1	0
352	Comparison of crustal and upper mantle heterogeneity in different time periods: Indonesian subduction zone to northern Australia. Earthquake Science, 2014, 27, 47-55.	0.9	0
353	ANSIR: National research facillity for earth sounding. Preview, 2019, 2019, 19-20.	0.1	0
354	AusArray: Toward updatable, high-resolution seismic velocity models of the Australian lithosphere. ASEG Extended Abstracts, 2019, 2019, 1-4.	0.1	0
355	Guidelines for building a detailed elastic depth model. Geophysics, 2000, 65, 35-45.	2.6	0
356	Earth Structure, Major Divisions. , 2007, , 208-214.		0
357	The underdetermined Earth. Journal of Earth System Science, 1995, 104, 539-553.	1.3	0
358	Earth Structure Across Many Scales. Perspectives of Earth and Space Scientists, 2022, 3, .	0.3	0